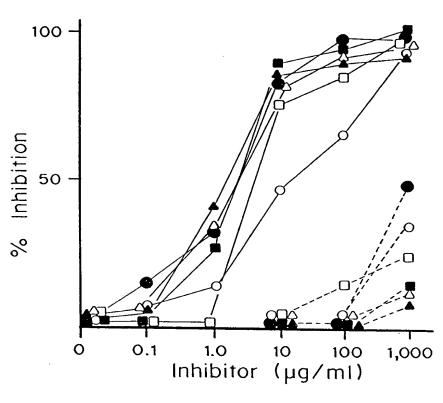
Continuation of U.S.S.N. 08/800, 682 OMRF 150C 'CON





F/G. 1

Continuation 8+ U.S.S. N. 08/800, 682 OMR - 5-8 -P CON

#### FIG. 2a

GGT GAA GAA GGA GTT GTG CCA GCA CGT GAG TAC TCA GAC GAT CGT 45 Gly Glu Gly Val Val Pro Ala Arg G lu Tyr Ser Asp Asp Arg [15]

AAC ATC AAC CTG GCA GAC GAA TTA AAA ATT GGT GAT ACC ATT GAA 90 Asn Ile Asn Leu Ala Asp Glu Leu Lys Ile Gly Asp Thr Ile Glu [30]

GCA GTT GTC ATT TCT AAC GTA ACA AGC GAC AAG GAA GGC GTC AGT 135 Ala ValValIle SerAsn ValThrSerAsp Lys Glu Gly ValSer [45]

TAC TTG TTG TCA AAG AAG CGT TTG GAT GCG CGC AAG GCA TGG GAA 180 Tyr Leu Leu Ser Lys Lys Arg Leu Asp Ala Arg Lys Ala Trp Glu [60]

AAC TTG AGC TTT GCT GAA GGT GAC ACAGTT GAT GCC AAG GTT ATC 225 Asn Leu Ser Phe Ala Glu Gly Asp Thr Val Asp Ala Lys Val Ile [75]

AAC GCT GTT CGT GGT GGT TTG ATT GTT GAT GTT AAC GGC GTA CGT 270 Asn Ala Val Arg Gly Gly Leu Ile Val Asp Val Asn Gly Val Arg [90]

GGT TTC GTA CCA GCA TCA ATG GTT GCA GAA CGT TTC GTT TCT GAT 315 G ly Phe Val Pro Ala Ser Met Val Ala G lu Arg Phe Val Ser Asp [105]

TTG AAC CAA TTC AAG AAT AAG GAT ATT AAA GCA CAA GTT ATC GAA 360 Leu Asn Gin Phe Lys Asn Lys Asp Ite Lys Ala Gin Valile Glu [120]

ATT GAC CCT GCT AAT GCA CGT TTG ATT TTG TCA CGT AAG GCT GTT 405 Ile Asp Pro Ala Asn Ala Arg Leu Ile Leu Ser Arg Lys Ala Val [135]

GCT GCA CAA GAA CGC GCT GCA CGA TTG GCT GAA GTA TTT AGC AAG 450 Ala Ala Gln Glu Arg Ala Ala Gln Leu Ala Glu Val Phe Ser Lys [150]

TTG TCA GTT CGT GAA GTT GTT GAA GGA ACT GTT GCC CGT TTG ACA 495 Leu Ser Val Gly Glu Val Val Glu Gly Thr Val Ala Arg Leu Thr [165]

GAC TTC GGC GCA TTC GTT GAC TTG GGT GGT GGT GGT GGT TTG GTT 540 Asp Phe Gly Ala Phe Val Asp Leu Gly Gly Val Asp Gly Leu Val [180]

CAC GTA TCA GAA ATC TCA CAC GAT CGT GTG AAG AAC CCG GCC GAT 585 His Val Ser Glu I le Ser His Asp Arg Val Lys Asn Pro Ala Asp [195]

GTA TTG ACA AAG GGT GAC AAG GTT GAT GTT AAG ATC TTG GCA TTG 630 Val Leu Thr Lys Gly Asp Lys Val Asp Val Lys IIe Leu Ala Leu [210]

GAC ACT GAA AAG GGT CGT ATC TCA TTG TCA ATC AAA GCA ACA CAA 675 Asp Thr Glu Lys Gly Arg IIe Ser Leu Ser IIe Lys Ala Thr Gln [225]

Continue for at 4.5.5 N. 08/800, 682 OMRAY58 EP CON

#### FIG. 2b

						-	<i>1</i> <b>.</b>								
CGT	GGA	CCT	TGG	GAC	GAA	GCT	GCA	GAT	CAA	ATC	GCT	GCA	GGT	TCA	720
Aig	G IY	P 10	ı rp	A sp	G IU	A la	A la	A sp	G In	Ile	A la	Ala	Gly	S er	[240]
GTG	CTT	GAA	GGT	ACT	GTT	AAG	CGT	GTG	AAG	GAC	Ш	GGT	GCC	Ш	765
															[255]
GTT	GAA	ATT	TTG	CCT	GGT	ATC	GAA	GGT	CTT	GTG	CAC	GTG	TCA	CAA	810
v ai	GIU	116	L eu	P 10	Gly	He	G lu	G ly	L eu	V al	His	V al	S er	G In	[270]
ATT	TCA	AAC	AAG	CGT	ATT	GAA	AAC	CCA	TCA	GAA	GTT	TTG	AAG	TCT	855
1 le	S er	A sn	Lys	A rg	I le	Glu	A sn	Pro	S er	G lu	Val	L eu	L ys	∠S er	[285]
GGT	GAC	AAG	GTA	CAA	GTG	AAG	GTA	TTG	GAC	ATT :	AAG	CCA	GCC	GAA	900
G ly	A sp	L ys	V al	G In	V al	Lys	V al	L eu	A sp	I le	L ys	P ro	A la	G lu	[300]
GAA	CGT	ATT	TCA	TTG	TCA	ATG	AAG	GCT	TTG	GAA	GAA	AAG	CCA	GAA	945
G lu	A rg	I le	S er	L eu	S er	M et	L ys	A la	L eu	G lu	G lu	L ys	Pro	G lu	[315]
CGT	GAA	GAT	CGT	CGT	GGT	AAC	GAT	GGT	TCA	GCT	TCA	CGT	GCT	GAT	990
A rg.	G lu	A sp	A rg	A rg	G ly	A sn	A sp	G ly	S er	A la	S er	Arg	A la	A sp	[330]
ATC	GCT	GCT	TAC	AAG	CAA	CAA	GAT	GAC	TCA	GCC	GCA	ACA	ΠG	GGT	1035
I le	A la	A la	T yr	L ys	G In	G In	A sp	A sp	S er	A la	A la	T hr	Leu	G ly	[345]
GAC	ATC	Ш	GGT	GAT	AAG	TTG	TAA	GAG	GCAT	CAAC	ΑΤΑΑ	.AAGA	GCTG	GTTC	1086
A sp	Ile	P he	G ly	A sp	L ys	L eu	***					o o tar t	4014	arro	[352]
GCC	AGTT	СПТ	ΤΑΤΤ	TTGA	AGAA	AAAT	TGAGT	ເດດດ	CATTA	AGTGG	GCG	ንፐርልር	יבפדו	\TC	1145
										TTGTT					1204
GAA	AATC	GACT	ATCT	TTAA	CCGG	ATGG	CCGG	AGAA	CGTA	TTGCA	WITE	STTGA	AGAT	CAA	1263
CCA	GGGG	)AAT	CACG	CGAT	CGTTT	GTAC	CGCGC	CAG(	CCGA	ATGGT	TGAA	TATT			1314

NKDIKAQVIEI 121	3-ELEFK KL 159	DPAALRNLKM 165	-ELEFK KL 54	E-PLKFV - V 236	O	***
WSDLNQFK	AR -TLHLEO	R -VTPADA(	IR-TTHLEG	SAEELLE -	Q	****
HS1 63 SFAEGDTVDAKVINAVRGGLIVDVNGVRGFVPASIVIVABRIVSDLNOFKNKDIKAQVIEI 121	101 AYEDAE TGVINGK-K FT-ELD - I - A-L-/G-/L-/DV-/F	107 K- EA- ER- EGI IF- Q-KFTLD -AVA/-L- R+Q  - DI -PI	1 ETGVINGK-KFT- ELI - A/- L-\G\L - (D\V-P)	182 DVV-KG- IVG-NKVVAL-E -L F-LO   SSK	B4/8/21	***
HS1	ES1	RS1	PS1	CS1		

180	218	224	113	287		
HS1 122 DPANARI II SRKAVAAQERAAQLAEVFSKLSVGEVVEGTVARLTDFGAFVDLGGVDGLV 180	160 -OKBNNVVRIES - NS- ERDQLLEN-QE- ME-K- I -KNY	RS1 166 -KRRGNIWRT -LEESE - RS-IVQN -EE- QV-KNIYI L 224	55 -QKRNNVVVRIES - SS- ERDQLLEN -QE-ME-K-1-KNY	237 -EEQSVM-NRKAM-DSQ- M- DSQAQ-GI- STQS-KPY I - I - I - I NL	O D	****
IV.	F. 5.	RS1	PS1	CS1		

239	277	283	172	,337		
GRISLSIKATQRGPWDEAADQIAAG	FS1 219 -ITDMAWKH-SEIVNV E ITV-KF-R- RT -VGL-QLGEDVAI - KRYPE- 27	HGM-QLESDGIGAKYPV-	IT -VGL-QLGEDVAI - KRYPE-	288 Q SDI - TQP TLK - MSH-R- RVT-KLEPT - G-	O'	***
GDKVDVKILALDTEK	E IT V-KF-R- R	- QQ-K- Q- IRINQ- TI	E IT V-KF-R- R	TLK - MSH-R- R	O	****
RVKNPADVLTK	(H-SEIVNV	RH-SEIQNI	H-SEIVNV	SDI-T0P-	q ·	
181 HVSEISHD	219 -ITDMAWK	225 TDMAW	114 -ITDMAWK	2880	a	* * * *
HS1		S. 5.	5 K	SS		

## Continuation of U.S.S.N. 08/800,682

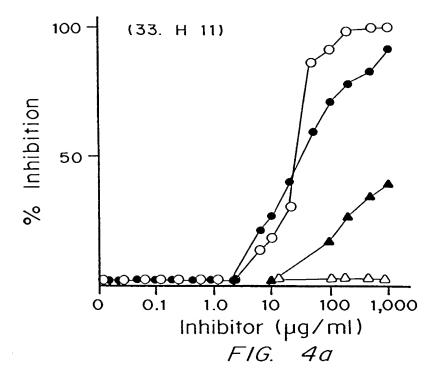
## FIG. 3b

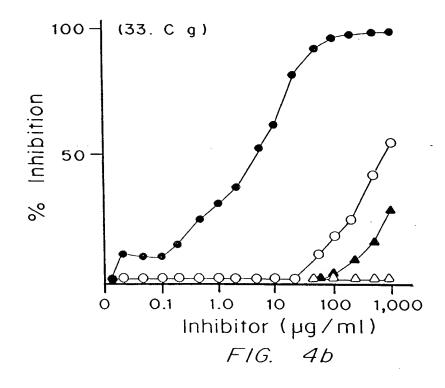
HS1 240 SVLEGTVKRVKDFGAFVEILPGIEGLVHVSQISNKRIENPSEVLKSGDKVQVKVLDIKP ES1 278 TK -T -R- TNLT -Y- CEE -VEM RD-V-DATLSV E- EA- FTGVDR RS1 284 KKIS TNIT -Y- CEE -VEM -RPG-QVI-EFNKV- RAVVDV PS1 173 TK-T -R - TNLT -Y- CEE -VEM
1S1 240 SVLEGTVKRVKDFGAFVEILPĠIEGLVHVSQISN 1S1 278 TK -T -R- TNLT -Y- CEE -VEM 1S1 284 KKIS TNIT -YLE I - I -EM 173 TK-T -R - TNLT -Y- C EE -VEM 81 173 TK-T -R - TNLT -Y- C EE -V EM
181 27 181 27 181 28 181 17

299 AEERISLSMKALEEKPERE 317 511 KNRA- - - - VR-KD-AD-KD 529 431 DK - - - - - GI-QL 320 ER - - - - - GV-QLA-DP 335

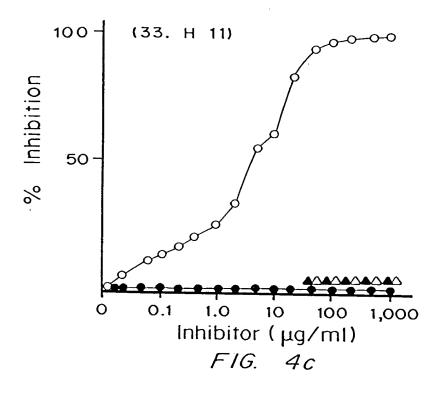
HST FST PST

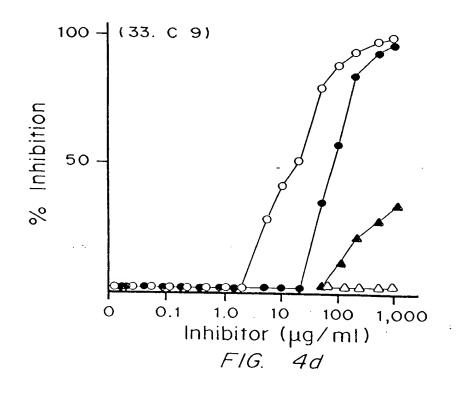
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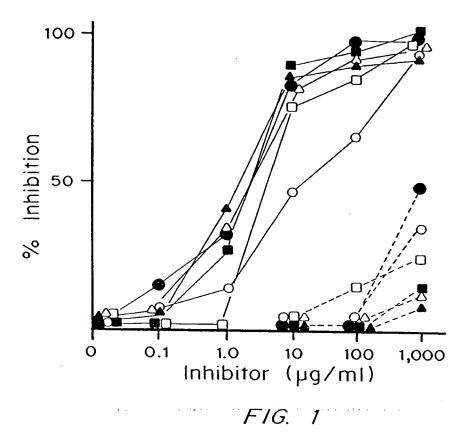




Continue of 4.55 N. 08/800,682 OHR-158 EP CON







#### FIG. 2a

#### E16-2

GGT GAA GAA GGA GTT GTG CCA GCA CGT GAG TAC TCA GAC GAT CGT 45 Gly Glu Gly Val Val Pro Ala Arg G lu Tyr Ser Asp Asp Arg [15]

AAC ATC AAC CTG GCA GAC GAA TTA AAA ATT GGT GAT ACC ATT GAA 90 Asn Ile Asn Leu Ala Asp Glu Leu Lys Ile Gly Asp Thr Ile Glu [30]

GCA GTT GTC ATT TCT AAC GTA ACA AGC GAC AAG GAA GGC GTC AGT 135 Ala ValValle SerAsn ValThrSerAsp LysGluGly ValSer [45]

TAC TTG TTG TCA AAG AAG CGT TTG GAT GCG CGC AAG GCA TGG GAA 180 Tyr Leu Leu Ser Lys Lys Arg Leu Asp Ala Arg Lys Ala Trp Glu [60]

AAC TTG AGC TTT GCT GAA GGT GAC ACAGTT GAT GCC AAG GTT ATC 225 Asn Leu Ser Phe Ala Glu Gly Asp Thr Val Asp Ala Lys Val Ile [75]

AAC GCT GTT CGT GGT GGT TTG ATT GTT GAT GTT AAC GGC GTA CGT 270 Asn Ala Val Arg Gly Gly Leu Ile Val Asp Val Asn Gly Val Arg [90]

GGT TTC GTA CCA GCA TCA ATG GTT GCA GAA CGT TTC GTT TCT GAT 315 Gly Phe Val Pro Ala Ser Met Val Ala Glu Arg Phe Val Ser Asp [105]

TTG AAC CAA TTC AAG AAT AAG GAT ATT AAA GCA CAA GTT ATC GAA 360 Leu Asn Gin Phe Lys Asn Lys Asp IIe Lys Ala Gin Valile Glu [120]

ATT GAC CCT GCT AAT GCA CGT TTG ATT TTG TCA CGT AAG GCT GTT 405 Ile Asp Pro Ala Asn Ala Arg Leu Ile Leu Ser Arg Lys Ala Val [135]

GCT GCA CAA GAA CGC GCT GCA CGA TTG GCT GAA GTA TTT AGC AAG 450 Ala Ala Gln Glu Arg Ala Ala Gln Leu Ala Glu Val Phe Ser Lys [150]

TTG TCA GTT CGT GAA GTT GTT GAA GGA ACT GTT GCC CGT TTG ACA 495 Leu Ser Val Gly Glu Val Val Gly Gly Thr Val Ala Arg Leu Thr [165]

GAC TTC GGC GCA TTC GTT GAC TTG GGT GGT GTT GAT GGT TTG GTT 540 Asp Phe Gly Ala Phe Val Asp Leu Gly Gly Val Asp Gly Leu Val [180]

CAC GTA TCA GAA ATC TCA CAC GAT CGT GTG AAG AAC CCG GCC GAT 585 His Val Ser Glu I le Ser His Asp Arg Val Lys Asn Pro Ala Asp [195]

GTA TTG ACA AAG GGT GAC AAG GTT GAT GTT AAG ATC TTG GCA TTG 630 Val Leu Thr Lys Gly Asp Lys Val Asp Val Lys Ile Leu Ala Leu [210]

GAC ACT GAA AAG GGT CGT ATC TCA TTG TCA ATC AAA GCA ACA CAA 675 Asp Thr Glu Lys Gly Arg Ite Ser Leu Ser Ite Lys Ala Thr Gln [225]

### FIG. 26

							- PU.								
CGT Arg	GGA G Iv	CCT P ro	TGG T ro	GAC A so	GAA G Iu	GCT A la	GCA A la	GAT A sn	CAA	ATC	GCT	GCA	GGT	TCA	720 [240]
					GTT										
V al	L eu	Glu	G ly	Thr	V al	Lys	A rg	Val	Lys	A sp	Phe	Gly	Ala	Phe	765 [255]
GTT V al	GAA	ATT	TTG	CCT	GGT	ATC	GAA	GGT	СТТ	GTG	CAC	GTG	TCA	CAA	810
V CI	u iu	116	r. en	L 10	ыту	116	6 10	G IY	L eu	v ai	HIS	v ai	S er	G In	[270]
ATT I le	TCA S er	AAC A sn	AAG Lys	CGT A rg	ATT I le	GAA G I u	AAC A sn	CCA Pro	TCA S er	GAA G lu	GTT Val	TTG L eu	AAG L vs	TCT Ser	855 [285]
GGT	GAC	AAG	GTA	CAA	GTG	AAG	GTA	TTG	GAC	ATT	AAG	CCA	GCC	; GAA	900
G ly	A sp	L ys	V al	G In	V al	Lys	V al	L eu	A sp	I le	L ys	P ro	A la	G Iu	(300)
GAA	CGT	TTA	TCA	TTG	TCA	ATG	AAG	GCT	TTG	GΔΔ	GAA	۸۸۵	CCA	CAA	945
G lu	A rg	I le	S er	L eu	Ser	M et	Lys	A la	L eu	G lu	Gh	l vs	Pro	Glu	945 [315]
CGI	GAA	GAT	CGT	CGT	GGT	AAC	GAT	GGT	TCA	GCT	TCA	CGT	GCT	GAT	990
A Ig.	G IU	A sp	A rg	A rg	G ly	A sn	A sp	G ly	S er	A la	S er	A rg	A la	A sp	[330]
ATC	GCT	GCT	TAC	AAG	CAA	CAA	GAT	GAC	TCA	GCC	GCA	ACA	TTG	GGT	1035
I le	A la	A la	T yr	L ys	G In	G In	A sp	A sp	Ser	A la	A la	Thr.	Leu	G ly	[345]
GAC	ATC	Ш	GGT	GAT	AAG	TTG	ΤΔΔ	GAG	CC AT	ጉለለቦ	ΛΤΛΛ	A A C A	ΛΛΤΛ	OTTO	4000
A sp	Ite	P he	G Iv	A sp	Lys	Leu	***	UAU	IGUAT	CAAC	AIAA	AAGA	uulu	GIIU	
															[352]
GCC	AGTT	спп	TTTA	TTGA	AGAA	TAAA	GAGT	GGG	CATTA	GTGG	GCG	CTCAC	GGTA	\T <u>G</u>	1145
AAA	₩GG.	AGGT	GCGA	TATT	GGCA	GCAC	CAGT	AGTA	GCCA <sup>*</sup>	TTGTT	GGC	GACC	VAAC(	GTCG	1204
GAA	4ATC	GACT	ATCT	ПААС	CGGA	ATGG(	CCGG/	AGAA	CGTAT	TGCA	ATTG	TTGA	AGAT	CAA	126
														- · - •	•=0
CUA	uuuu	HAAL	Aしはし	JUAH	CGTTT	GIAC	6CGC	CAGC	CGAA	<b>TGGT</b>	TGAA	TATT			131

# FIG. 3a

	****	***	* * * * * *	* * * *	
337	-VT-KLEPT-G-	- TLK - MSH-R- R-	SDI-TQP-	2880	CS1
283	ıGM-QLESDGIGAKYPV- <sup>-</sup> -VGL-QLGEDVAI - KRYPE-	QQ-K- Q- IRINQ- IH - E IT V-KF-R- RT	RH-SEIQNI - ? H-SEIVNV-	225TDMAW( 114 -ITDMAWK	RS1 PS1
239	181 HVSEISHDRVKNPADVLTKGDKVDVKILALDTEKGRISLSIKATQRGPWDEAADQIAAG 219 -ITDMAWKH-SEIVNV E ITV-KF-R- RT -VGL-QLGEDVAI - KRYPE-	3DKVDVKILALDTEKG E ITV-KF-R- RT	RVKNPADVLTK( <h-seivnv -<="" td=""><td>181 HVSEISHDI 219 -ITDMAWK</td><td>ES1</td></h-seivnv>	181 HVSEISHDI 219 -ITDMAWK	ES1
	* « « * * * *	** ***	r	* *	
113 287	55 -QKRNNVVVRIES - SS- ERDQLLEN -QE-ME-K- I -KNY	- ERDALLEN -QE-ME M- DSQAQ-GI-S -	VRIES - SS A-NRKAM-DSQ-	55 -QKRNNVV 237 -EEQSVA	PS1 CS1
224	160 -UKKNNVVVKIES - NS-EKDULLEN-UE- INIE-K-1-NN17	- EKDULLEN-UE- MIE E - RS-IVON -EE- Q-	/vRIES - NS /RT -LEES	160 -UKRNNVV 166 -KRRGNIVA	ES.1
180	122 DPANARLILSRKAVAAQERAAQLAEVFSKLSVGEVVEGTVARLTDFGAFVDLGGVDGLV 180	AQLAEVFSKLSVGEV	SRKAVAAGERA	122 DPANARLIL	HS1
	**** **** ****				
38	18216VINGA-NF1-EL1-8-L-07-F-01IILEG-ELEFNNL 34	-	GVINGN-RF1 (G-IVG-NKVV	182DW-K	S 52
55	107 K- EA- ER- EGI IF- Q-KFTLD -AVA -L- R-Q - DI -PIR -VTPADAQPAALRNLKM 165	LD -AVA -L- R-Q -	=G1 IF- Q-KF1	107 K- EA- ER- E	RS1
59	- DV-P-R -TLHLEG-ELEFK KL 1	T-ELD - I - A-L- G- L	GVINGK-K F		ES 1
21	63 SFAEGDTVDAKVINAVRGGLIVDVNGVRGFVPASMVAERFVSDLNQFKNKDIKAQVIEI 121	VDVNGVRGFVPASM	DAKVINAVRGGL		HS1

## FIB. 36

## F16-30

HS1	240 SVLEGTVKRVKDFGAFVEILPĠIEGLVHVSQISNKRIENPSEVLKSGDKVQVKVLDIKP	298
ES1	278 TK -T -R- TNLT -Y- CEE -V EM RD-V-DATLSV E- EA- FTGVDR	510
RS1	RS1 284 KKIS TNIT -Y LE I - I -EM -RPG-QVI-EFNKV - RAV VDV 43	430
PS1	PS1 173 TK-T -R - TNLT -Y - C EE -V EM -K E IAAV QVDA	319
	a)	
	****	

299 AEERISLSMKALEEKPERE 317 511 KNRA- - - - VR-KD-AD-KD 529 431 DK - - - - - GI-QL 320 ER - - - - - GV-QLA-DP 335

HS1 FS1 PS1

